FIG. 1

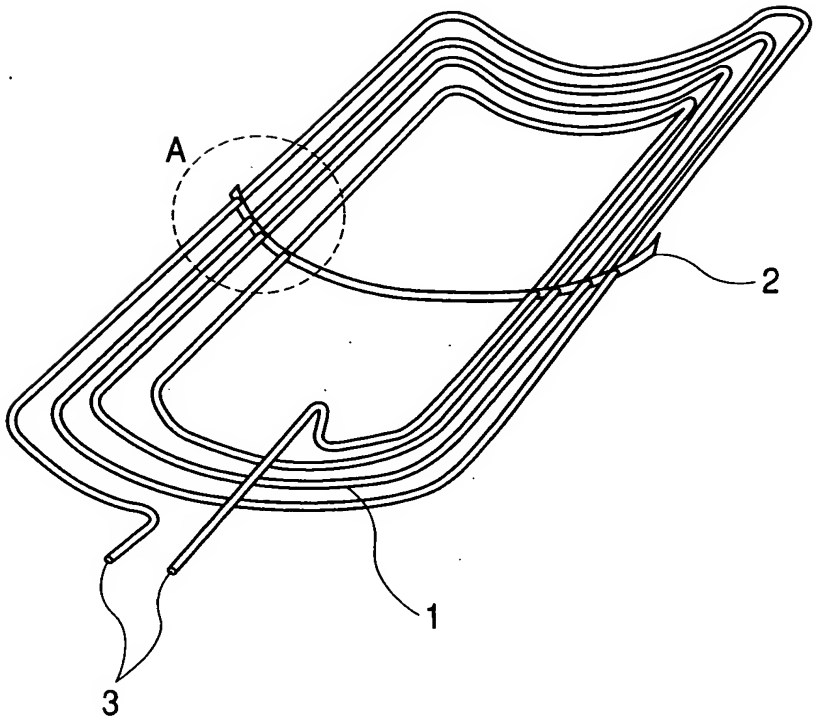


FIG. 2

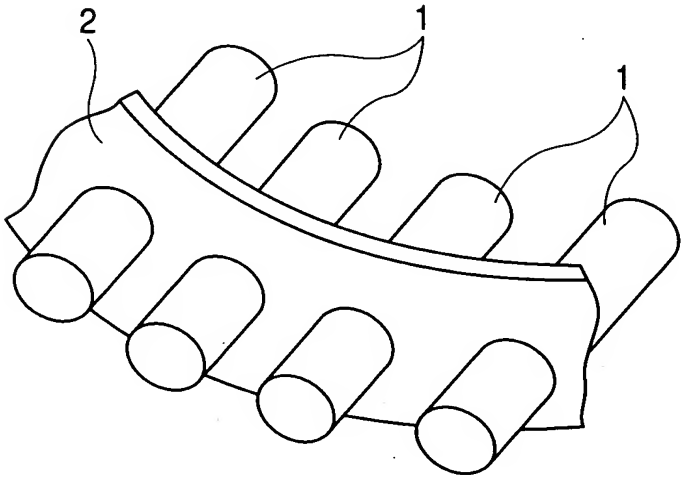

FIG. 3

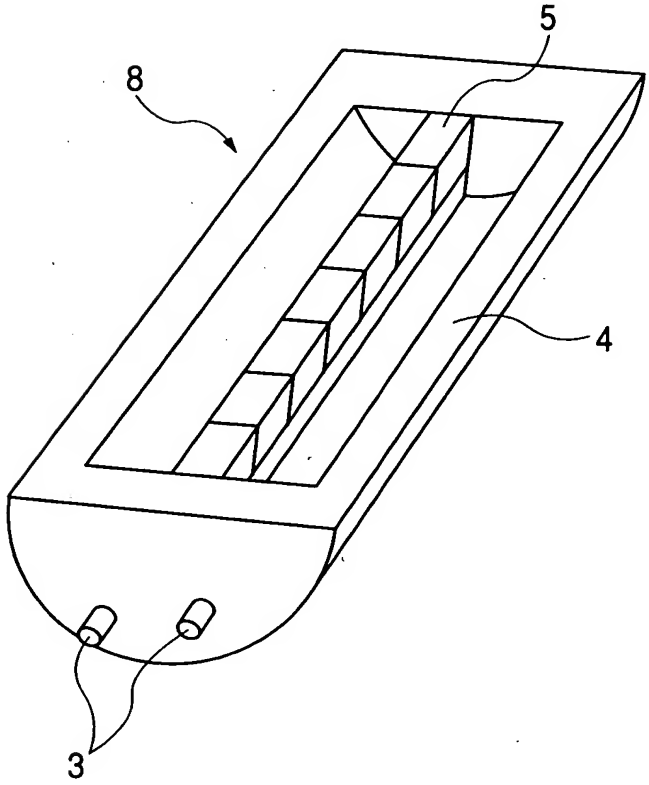


FIG. 4

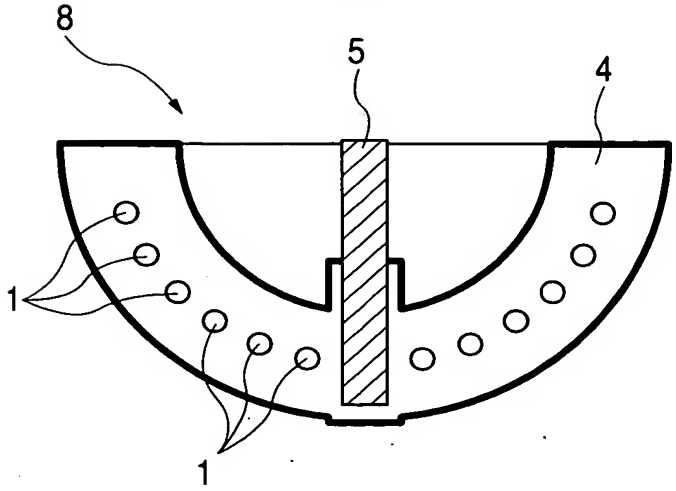

FIG. 5A

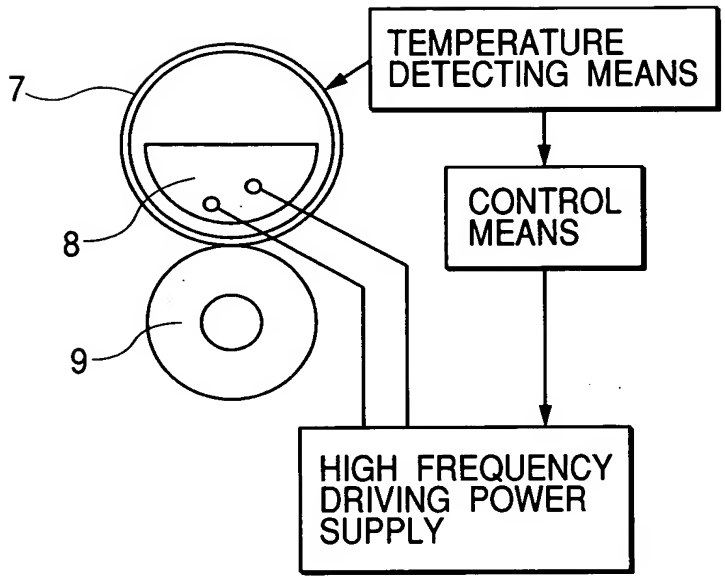


FIG. 5B

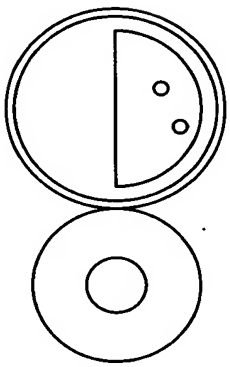

FIG. 5C

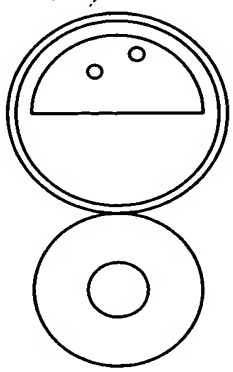

FIG. 6

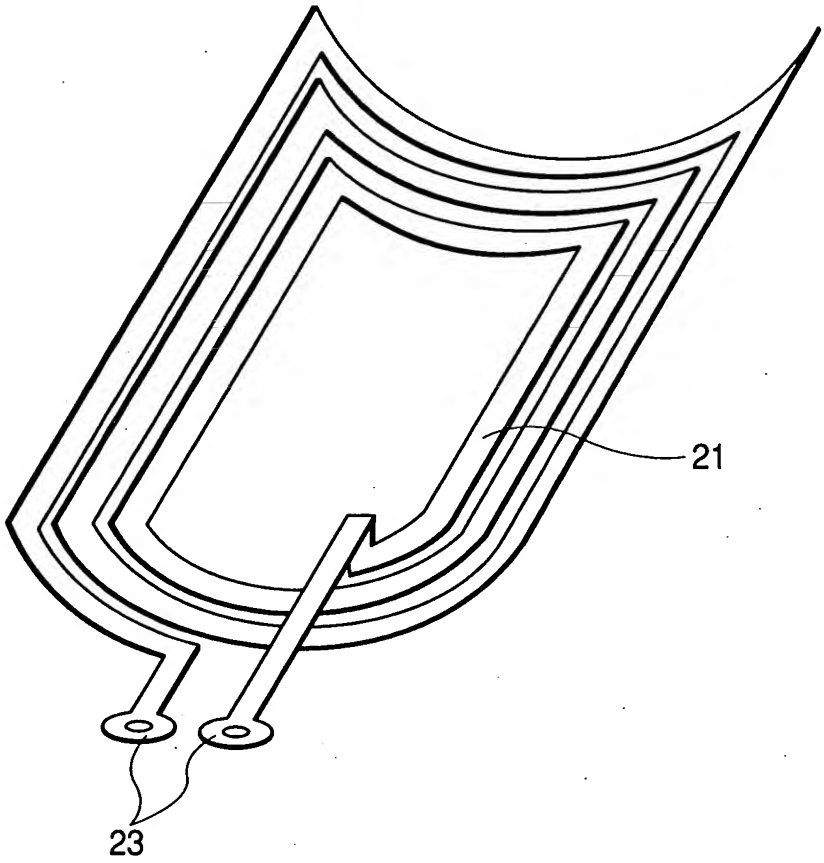


FIG. 7

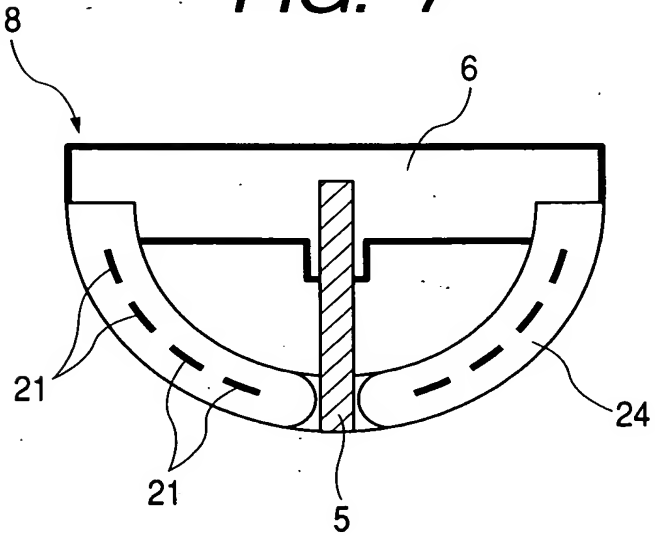

FIG. 8

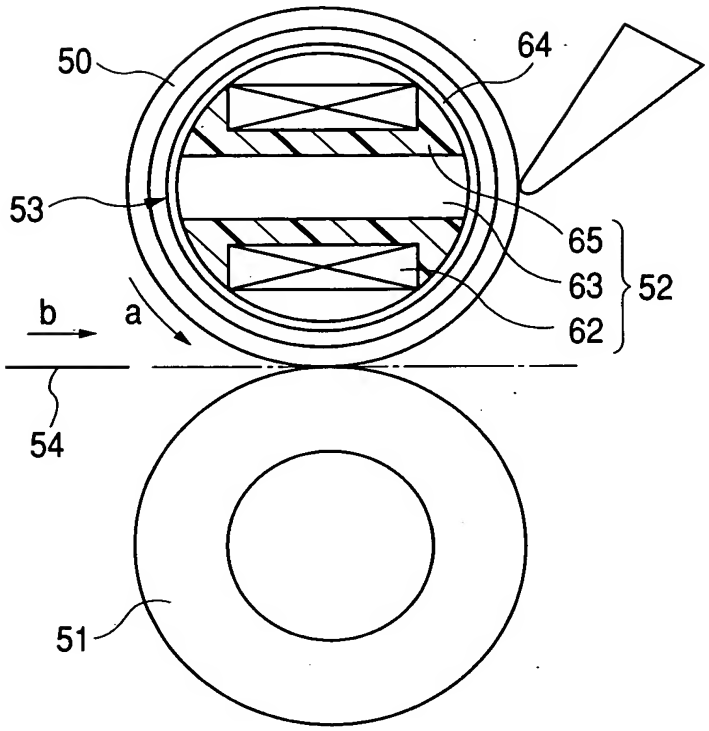


FIG. 9

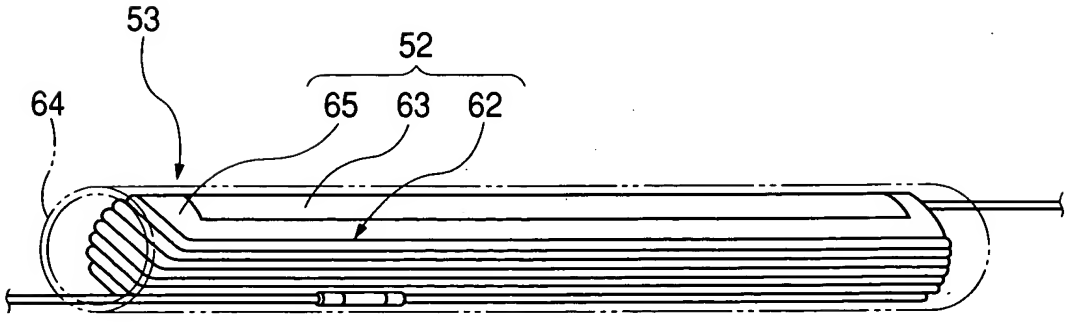

FIG. 10

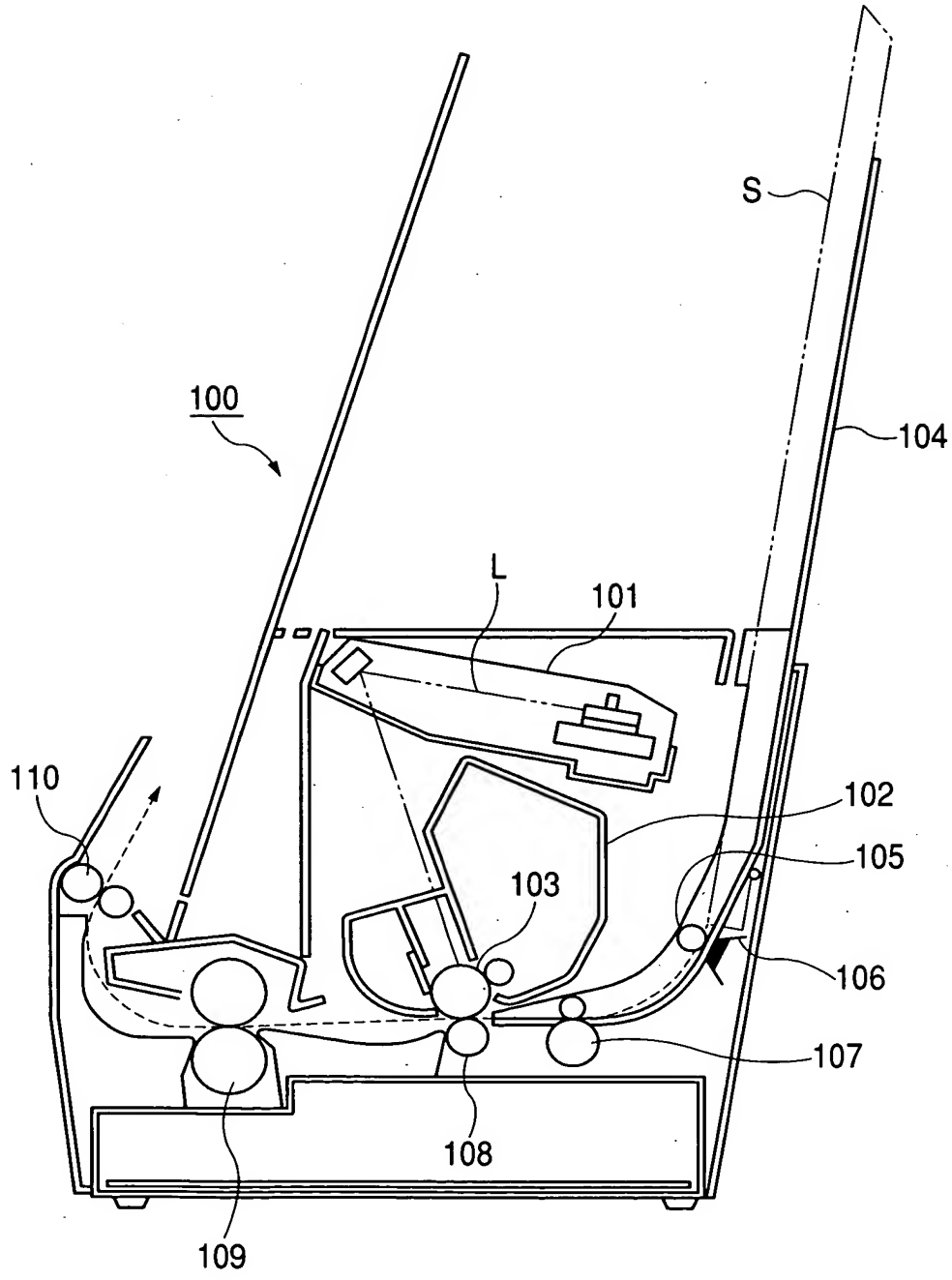

FIG. 11

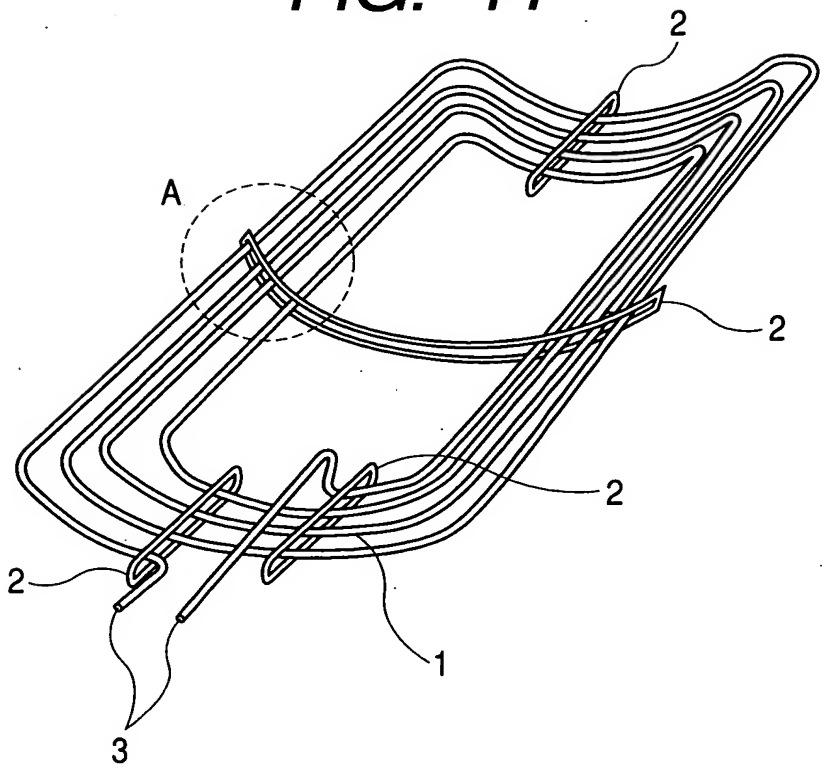


FIG. 12

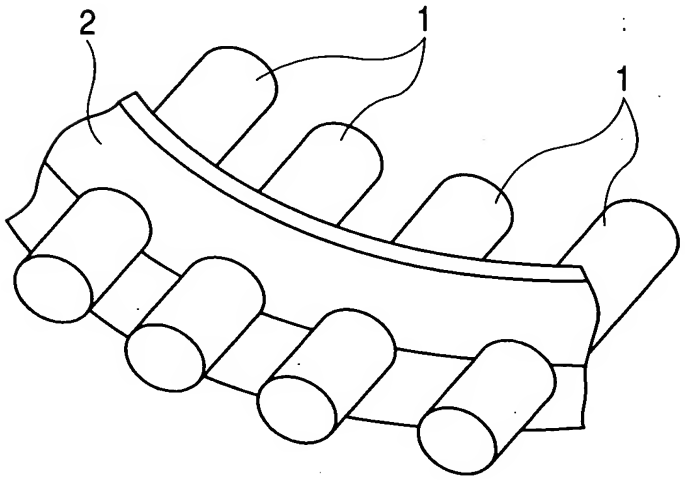

FIG. 13

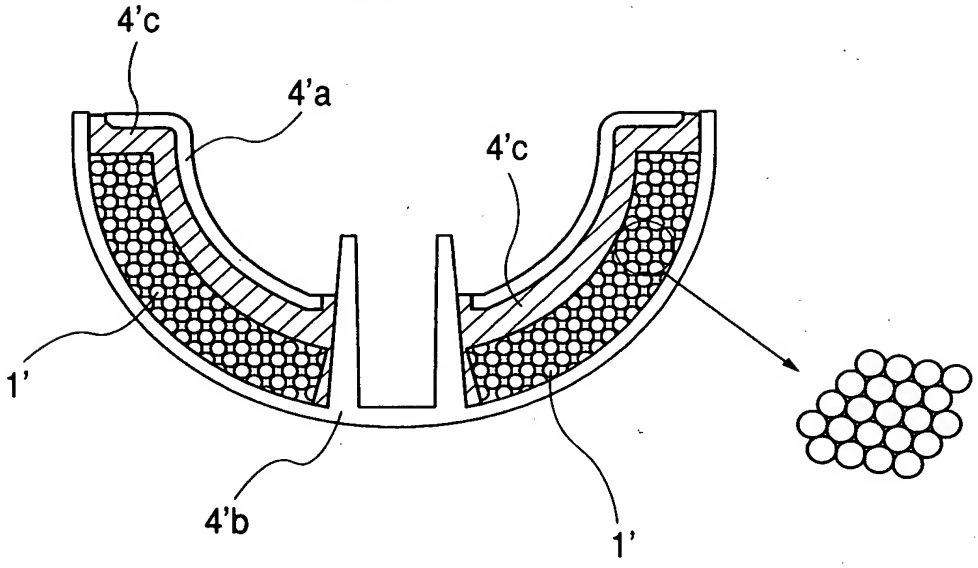


FIG. 14

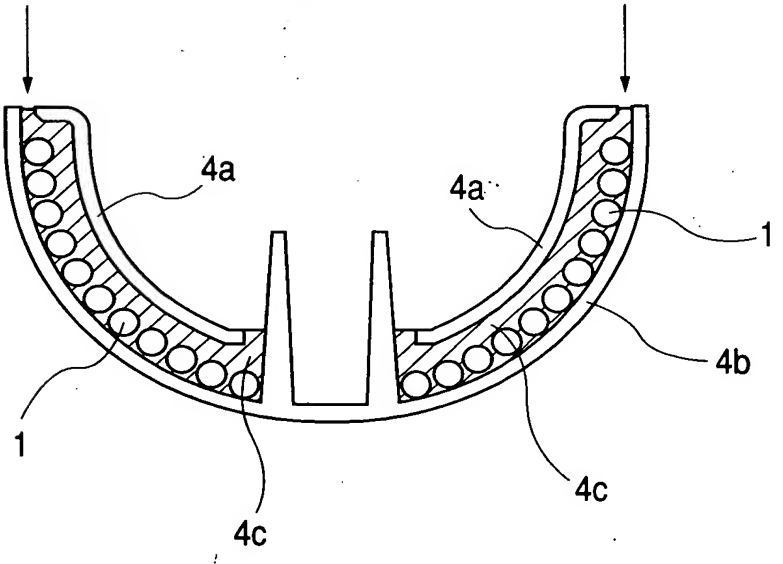

FIG. 15

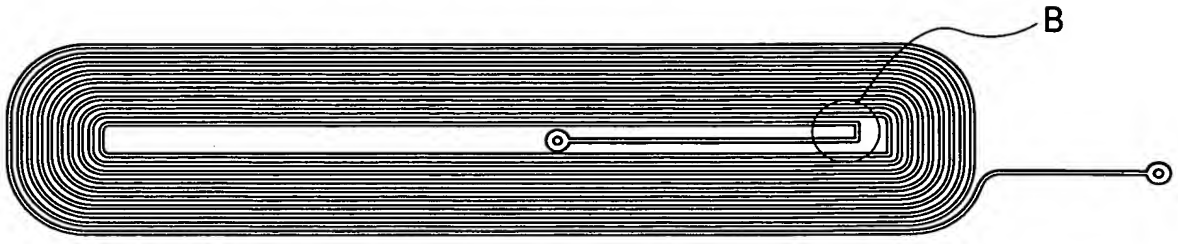


FIG. 16

| | LITZ WIRE | EMBODIMENT 1 | EMBODIMENT 2 |
|---|---|---|---|
| WIRE CONDITION | $\phi$0.18×120 | $\phi$0.18 | d:2.0×t:1.0 |
| THE NUMBER OF TURN-BACK | 10 | 10 | 10 |
| EFFECTIVE AREA OF WIRE [$m^2$] | 3.05E−06 | 2.54E−06 | 2.00E−06 |
| RESISTANCE VALVE [Ω] | 0.070 | 0.084 | 0.107 |
| POWER LOSS [W] | 5.05 | 6.06 | 7.71 |
| MAXIMUM CURRENT DENSITY Is [$A/m^2$] | 4.92E+06 | 5.91E+06 | 7.50E+06 |